

Multiplying and Dividing Proper and Mixed Fractions (E)

Name: _____

Date: _____

Score: _____

Calculate each result.

1. $\frac{2}{3} \div 1\frac{1}{2} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

2. $3\frac{4}{5} \times \frac{1}{4} = \text{---} \times \text{---} = \text{---}$

3. $\frac{1}{4} \div 1\frac{1}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---}$

4. $\frac{7}{9} \div 2\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

5. $\frac{3}{5} \div 1\frac{2}{5} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

6. $\frac{1}{2} \div 3\frac{1}{6} = \text{---} \div \text{---} = \text{---} \times \text{---} = \text{---} = \text{---}$

7. $\frac{1}{9} \times 3\frac{2}{5} = \text{---} \times \text{---} = \text{---}$

8. $\frac{1}{8} \times 1\frac{8}{9} = \text{---} \times \text{---} = \text{---}$

9. $1\frac{1}{6} \times \frac{1}{4} = \text{---} \times \text{---} = \text{---}$

10. $1\frac{1}{3} \times \frac{1}{2} = \text{---} \times \text{---} = \text{---} = \text{---}$

Multiplying and Dividing Proper and Mixed Fractions (E) Answers

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Calculate each result.

$$1. \frac{2}{3} \div 1\frac{1}{2} = \frac{2}{3} \div \frac{3}{2} = \frac{2}{3} \times \frac{2}{3} = \frac{4}{9}$$

$$2. 3\frac{4}{5} \times \frac{1}{4} = \frac{19}{5} \times \frac{1}{4} = \frac{19}{20}$$

$$3. \frac{1}{4} \div 1\frac{1}{5} = \frac{1}{4} \div \frac{6}{5} = \frac{1}{4} \times \frac{5}{6} = \frac{5}{24}$$

$$4. \frac{7}{9} \div 2\frac{1}{6} = \frac{7}{9} \div \frac{13}{6} = \frac{7}{9} \times \frac{6}{13} = \frac{42}{117} = \frac{14}{39}$$

$$5. \frac{3}{5} \div 1\frac{2}{5} = \frac{3}{5} \div \frac{7}{5} = \frac{3}{5} \times \frac{5}{7} = \frac{15}{35} = \frac{3}{7}$$

$$6. \frac{1}{2} \div 3\frac{1}{6} = \frac{1}{2} \div \frac{19}{6} = \frac{1}{2} \times \frac{6}{19} = \frac{6}{38} = \frac{3}{19}$$

$$7. \frac{1}{9} \times 3\frac{2}{5} = \frac{1}{9} \times \frac{17}{5} = \frac{17}{45}$$

$$8. \frac{1}{8} \times 1\frac{8}{9} = \frac{1}{8} \times \frac{17}{9} = \frac{17}{72}$$

$$9. 1\frac{1}{6} \times \frac{1}{4} = \frac{7}{6} \times \frac{1}{4} = \frac{7}{24}$$

$$10. 1\frac{1}{3} \times \frac{1}{2} = \frac{4}{3} \times \frac{1}{2} = \frac{4}{6} = \frac{2}{3}$$